

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / VLS4012CX-1 series

Circuit Diagram



Circuit Parameters

Part No.	L1[μH]	R1[ohm]	C1[pF]	R2[ohm]
VLS4012CX-1R0M-1	1.0	1,500	2.103	0.0380
VLS4012CX-1R5M-1	1.5	1,900	2.320	0.0470
VLS4012CX-2R2M-1	2.2	2,400	2.939	0.0620
VLS4012CX-3R3M-1	3.3	3,100	3.134	0.0900
VLS4012CX-4R7M-1	4.7	3,700	4.043	0.1050
VLS4012CX-6R8M-1	6.8	5,500	3.972	0.1740
VLS4012CX-100M-1	10	7,100	4.741	0.2450
VLS4012CX-150M-1	15	9,400	4.292	0.3110
VLS4012CX-220M-1	22	13,000	4.952	0.5140
VLS4012CX-330M-1	33	20,000	4.277	0.7300
VLS4012CX-470M-1	47	24,000	4.512	1.2480
VLS4012CX-680M-1	68	41,000	4.004	1.3540
VLS4012CX-101M-1	100	47,000	4.632	2.4480